

ULTRASONIC-23

Alkaline degreaser and dephosphotation

ULTRASONIC-23 is a strong alkaline, silicate and borate-free powder cleaner used by immersion.
ULTRASONIC-23 is primarily formulated for cleaning steel surfaces but also suitable for dephosphating.

SCOPE

Product type: strong alkaline cleaner, dephosphating
 Application: immersion
 Suitable for: steel

METHOD OF USE

	Cleaning	Dephosphating	Combination
Bath make-up:	30 – 50 g/l	80 – 100 g/l	50 – 100 g/l
Bath temperature:	80 – 90 °C	90 – 98 °C	80 – 98 °C
Treatment time:	5 – 20 minutes	5 – 20 minutes	5 – 20 minutes.
Cleaner pointage:	4.9 – 8.2	13.0 – 16.3	8.2 – 16.3

Take a 10 ml bath sample, add 2 – 3 drops Test Indicator 2 (phenolphthalein) and titrate with Test Solution 53 (0.5 M sulphuric acid) from pink to colourless. 1.0 ml consumption of Test Solution 53 corresponds to 1.0 cleaner pointage.

Bath replenishment: For each cleaner pointage consumed add 6.1 g/l of **ULTRASONIC-23**.

Equipment: General-purpose structural steels according to DIN EN 10025 (conditionally suitable)
 Chromium nickel steel, material no. 1.4541

The optimum conditions for application may be determined by testing in co-operation with our technical service group, if necessary.

LABOUR AND ENVIRONMENTAL PROTECTION

Please, check the EC Safety Data Sheets.

PHYSICAL AND CHEMICAL PROPERTIES

Appearance: powder
 Bulk density approx. 1,2 g/cm³
 pH value (10 g/l, 20°C)..... approx. 13,1
 Specific electrical
 conductivity (10 g/l, 20°C) .. approx. 33 mS/cm